



BROKEN CURB



IN SOME CASES THE CURB IS TOTALLY BROKEN AND DETERIORATED



BADLY MARKED PAVEMENT AT SCHOOL CROSSING



DIFFICULT FOR ELDERLY, HANDICAPPED PEOPLE TO USE THE CRUMBLING SIDEWALKS



BIKE RIDERS USE THE SIDEWALKS INSTEAD OF SHARING THE ROAD

Transportation Alternatives / CMAQ Application for FY 2021 and FY 2022 Projects

Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

Town of Guadalupe

**APPLICATIONS ARE DUE AT MAG OFFICES BY
Monday, September 25, 2017 at 10:00 a.m.**

(LATE AND/OR INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED)

Guadalupe: Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)**PART A - CONTACT AND PROJECT DESCRIPTION****Contact Information**

1. Name of Sponsoring Agency	Guadalupe
2. Agency Contact Name	Bob Thaxton
3. Phone Number of Agency Contact	480-505-5374
4. E-Mail Address of Agency Contact	rthaxton@guadalupeaz.org
5. Mailing Address of Agency Contact	9241 S. Avenida del Yaqui, Guadalupe, AZ 85283

Project Description

6. Please provide the Project Title.	Avenida del Yaqui Bicycle and Pedestrian Improvement Project
7. Please provide a concise, specific description of the project (250 character limit):	

The project consists of the southbound overlay and restriping of the existing asphaltic concrete pavement and removal and reconstruction of existing concrete curb, gutter and sidewalk along the Avenida del Yaqui corridor. Restriping is to include 5-ft bike lanes and a 2-ft buffer between the bike lanes and vehicular traffic as shown on Exhibit 4. The striping will include pedestrian crosswalks. Existing traffic signage will be removed and replaced. All of the work will be done within the existing right of way (ROW). The ROW varies along the Avenida from 33 to 55 ft. The project length is approximately 0.75 miles. The project will convert Avenida del Yaqui into a much safer venue for motorists, bicyclists and pedestrians, including residents and school children.

8. Please provide the project limits:

Southbound Avenida del Yaqui, on the north from the intersection of the Highline Canal and Avenida del Yaqui to the intersection of Calle Carmen and Avenida del Yaqui on the south, as shown on Exhibit 1.

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

This part of the form identifies the current characteristics and proposed improvements for each project.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

NOTE: For Part B, Questions 14-20, the specified distance will vary (and update automatically) depending on the project type identified in Part B, Question 1. Pedestrian-only projects will use a distance of 1/4 mile, while bicycle and Shared-Use projects will use a distance of 1/2 mile.

1. Please select which funding source(s) this project is applying for. Check all that apply.

<input checked="" type="checkbox"/>	Congestion Mitigation and Air Quality (CMAQ)
<input checked="" type="checkbox"/>	Transportation Alternatives (TA)

2. What type of project is this? (Check all that apply)

<input type="checkbox"/>	Bicycle Lane (4' min. w/o curb/gutter)	<input type="checkbox"/>	Shoulder paving is within 4-miles of a PM-10 Monitor
<input checked="" type="checkbox"/>	Bicycle Lane (5' min. with curb/gutter)	<input type="checkbox"/>	Wide Sidewalk (8' min.)
<input checked="" type="checkbox"/>	Buffered Bike Lane	<input type="checkbox"/>	Detached Sidewalk with 4' min. buffer
<input type="checkbox"/>	Protected Bike Lane	<input checked="" type="checkbox"/>	Signalized Crossing
<input type="checkbox"/>	Shared-use path (10' min.)	Other:	
<input checked="" type="checkbox"/>	Sidewalk (5' min.)	<div></div>	
<input type="checkbox"/>	Planning Study		

3. What other major elements are included in this project? (Check all that apply)

<input type="checkbox"/>	Bridge (overpass)	Other: <div></div>
<input type="checkbox"/>	Tunnel (underpass)	
<input checked="" type="checkbox"/>	Signalized midblock crossing/HAWK	
<input checked="" type="checkbox"/>	Countdown Pedestrian Signal	

4. What amenities are included in this project?

<input type="checkbox"/>	Number of Bike racks/lockers	<input type="checkbox"/>	8	Number of Seating/Rest Area(s)
<input type="checkbox"/>	Number of Drinking Fountains	<input type="checkbox"/>		Number of bicycle/pedestrian counting devices
<input type="checkbox"/>	8	Number of Way-finding Signs	<input type="checkbox"/>	Number of bicycle/pedestrian counting devices
<input type="checkbox"/>	11	Number of Trash receptacles	Other: <div></div>	
<input type="checkbox"/>		Number of Trees		
<input type="checkbox"/>		Number of new openings in street walls		
<input type="checkbox"/>	5	Number of Shade Structures		

5. Please describe the existing condition of the project site and any problem(s) being addressed.

Currently the sidewalks and the roadway pavement on Avenida del Yaqui are deteriorated beyond their useful life and need to be reconstructed. There are safety concerns with the current state of the street for drivers, bicyclists, and pedestrians. Please see Exhibits 2 and 3. The Avenida lacks striped bike lanes so bicyclists are forced to share the sidewalks with pedestrians, including children and senior citizens. Additionally, children on their way to and from the Frank Elementary School are not protected by the appropriate signalization, striping and other features common at school crossings.

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

6. Please describe the work being done and improvements being made as part of this project.

As can be seen in Exhibit 4, the project includes striped 5-ft wide bike lanes on each side of the street, separated from the vehicular traffic by a striped 2-ft wide buffer. At the center of the buffer lane there will be reflective, raised domes spaced every 40 feet. Currently the street is not fit to accommodate bicyclists so those riding bicycles are forced to use the sidewalks, in conflict with the pedestrians. (Please see Exhibit 2.) The improved street will provide a clear separation of motorists, bicycles, and pedestrians.

7. What do you hope to achieve with this project?

The project will connect Avenida del Yaqui sidewalks to an existing 8 foot-wide trail on Guadalupe Rd which connects to the regional Sun Circle Trail, including a planned pedestrian crossing over the I-10 that will connect Awhatukee to Calle Guadalupe. At the northern terminus of the project, the sidewalk will connect to the multiuse path of the Highline Canal. It will also connect sidewalks at Baseline Rd on the north and Calle Carmen St on the south at Priest.

8. Safety improvements to be included for this project: (Check all that apply)

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Medians with pedestrian crossing islands |
| <input type="checkbox"/> | Roadway Reconfiguration (Road Diet) |
| <input checked="" type="checkbox"/> | Striping/re-striping to narrow vehicle lanes |
| <input type="checkbox"/> | Color pavement or similar treatment |
| <input checked="" type="checkbox"/> | Lighting |
| <input type="checkbox"/> | Landscape buffer between sidewalk and roadway |
| <input type="checkbox"/> | Rectangular Rapid Flash Beacon (RRFB) |
| <input type="checkbox"/> | Driver Feedback Sign |

Other

Illuminated stop signs. Illuminated cross walk signs and In-Pavement LED Crosswalk Markers where no stop sign exists.

9. Does this project include a road safety education component?

- | | |
|-------------------------------------|-----|
| <input checked="" type="checkbox"/> | Yes |
| <input type="checkbox"/> | No |

Please Explain:

The Town of Guadalupe will host road safety education outreach seminars at the Town Hall and include road safety education pamphlets in water bills to all residents.

10. How does this project or planning study address safety?

The improved streetscape will offer safety features including clearly marked pedestrian crossings so residents will have better and safer access when using the corridor for shopping, walking to the bus stops, crossing the street, going to and from school and visiting other residents.

11. How does the project improve ADA facilities for persons with disabilities?

All the sidewalks on each side of Avenida del Yaqui will be redesigned and rebuilt to current ADA standards with ramps and street striping to benefit persons with disabilities. New Installation to include audible notification at selected locations.

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

12. Describe how this project will improve access from nearby neighborhoods and/or adjacent uses:

The much improved streetscape will offer safety features including clearly marked pedestrian crossings so residents will have improved access when using the corridor for shopping, walking to the bus stops, crossing the street, going to and from school and visiting other residents.

13. How does the project create a sense of place?

The Town of Guadalupe is predominately pedestrian. There are a substantial number of senior citizens as well as many families who do not drive. This forces many residents to walk or bicycle to work, do their shopping, or to socialize. The Town of Guadalupe is concerned about the many vehicle-pedestrian crashes on record and would like to be able to offer a safer venue for pedestrians and bicyclists alike. (Please see Exhibit 5.) The Town is certain that the improvements will result in a safer alternative to the current conditions and it will stimulate local business as more residents will be encouraged to walk and patronize along the Avenida.

14. Connectivity: (Check all that apply)

☒ Project fills a gap in the system

Explain:

It will fill the gap from the project terminus to Baseline Rd on the north and Calle Carmen St on the south at Priest for bicycle and pedestrian facilities.

☒ Project connects to other local bikeways

List of connected bikeways:

The project will tie Avenida del Yaqui to the existing 8 foot-wide trail on Guadalupe Rd which connects to the regional Sun Circle Trail and the future pedestrian crossing over the I-10 that will tie Awhatukee with Calle Guadalupe. Additionally, the project at its northern terminus, will connect to the pedestrian facilities of the Highline Canal.

☒ Multi Jurisdictional Project (please include letter of support (See Part C)

List of Participating Jurisdictions:

Pascua Yaqui Tribe, City of Tempe, Salt River Project and Guadalupe Fire Department.

Total length of bikeways directly connected by this project (in miles)

15. Number of transit stops this project will connect to. Do NOT count major transit facilities (park and rides, transit centers, etc.) in this question. List associated route(s) and their peak frequency, using Valley Metro as the source.

Within 1/2 mile

16. Number of transit routes serviced by the transit stops in question 15 that this project will connect to. List associated route(s) and their peak frequency, using Valley Metro as the source.

Within 1/2 mile

List routes and frequency:

17. Number of major transit facilities (park and rides, transit centers, etc.) served by this project:

Within 1/2 mile

List:

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

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Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

18. Number of non-commercial activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:

12 Within 1/2 mile

List:

The project links the Guadalupe Municipal Senior Center, Town of Guadalupe Municipal Offices, the Town of Guadalupe Tianguis/Mercado, the Pascua Yaqui Tribal offices, Guadalupe Presbyterian Church, Santa Lucia Yaqui Church, Our Lady of Guadalupe Catholic Church, Biehn Baseball Park, Frank Elementary school, South Mountain Community College Guadalupe Center, Boys and Girls Club of The East Valley Guadalupe Branch, Maricopa County Library Guadalupe Branch, Maricopa County Human Services-Guadalupe Head start, Stottlemeyer Base Ball Park.

19. Number of commercial and employment destinations (malls, retail centers, business parks, etc.) this project will benefit (for example, a mall is ONE destination; do NOT count every store in a mall as a separate destination):

11 Within 1/2 mile

List:

Wal-Mart, Castle Furniture, Best Western Hotel, Inn Suites, Ramada Inn, Arizona Mills Mall, Waffle House, and several quick shops.

20. Number of K-8 public schools this project will benefit:

2 Within 1/2 mile

List:

Frank Elementary School, Maricopa County Human Services, Guadalupe Head Start.

21. Number of other schools (charter schools, high schools, colleges, and universities) this project will benefit:

1 Within 1/2 mile

List:

South Mountain Community College.

22 Number of activity centers for air quality cost effectiveness (i.e. bank, church, hospital, health care facility, light rail station, park-and-ride lot, office park, post office, public library, shopping area, grocery store, university or junior college):

7 Within 1/4 miles

List:

Maricopa County Public Library, Maricopa Integrated Health Facility, Santa Lucia Yaqui Church, Our Lady of Guadalupe Catholic Church, Guadalupe Presbyterian Church, Wal-Mart, Arizona Mills Mall.

2 1/4 miles to 1/2 miles

List:

United States Post Office (Tempe/Priest), South Mountain Business Park, Rustler's Rooste Restaurant.

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

23. What are the demographics of the area served:

[MAG Demographic Mapping](#) People Per Square Mile % Families in Poverty

Use the MPO/COG Demographic Mapping link above. Zoom in to your project area. On the right-hand side of the screen, under "Reporting," select "Custom Summary." Next, select "Corridor of Interest." Left-click to begin drawing. Draw a line through all census block groups adjacent to your project, left-clicking where needed to change the direction of the line. Double-click to finish drawing the line. The selected census block groups will become highlighted in blue. A pop-up box will appear with "Results for Selected Block Groups." Select the "Summary Report" tab, and use the data found there. You may export the results to Excel (click the printer icon at the top-right side of the pop-up window) for your records.

24. Please provide the following information on the facility on which the improvement will be located.

For a linear project, please enter the Facility Name, Starting Limit and Ending Limit:

For a point project (e.g. an intersection or crossing), please enter a Facility Name and a Crossing Feature:

Federal Functional Classification of the Facility:

[Link to MAG webpage for Federal Functional Classification Map](#)

Type of Facility the Improvement will be located on:

 Length (in Miles) Posted Speed Limit (MPH) Number of Travel Lanes Before Project Number of Travel Lanes After Project

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

25. Please provide an estimated traffic volume (ADT) on the nearest parallel arterial.

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology and Source used for the ADT Estimate

26. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete.

Describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

27. Current ROW: (Check all that apply)

☒

Agency owns all ROW Needed

☐

ROW to be acquired

☐

Owners will donate ROW

☐

Agency owns easement

☐

Agency has right-of-use (i.e. canal)

☐

Condemnation may be required

28. Please describe any right of way issues associated with the project.

29. Please indicate whether all parcels for this project have been inventoried.

☒

Yes

☐

No

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

30. Current Utilities in or abutting the alignment: (Check all that apply)

<input type="checkbox"/>	No Utility in or abutting the alignment	<input type="checkbox"/>	Private Structures
<input checked="" type="checkbox"/>	Canals & Drainage	Other: <div></div>	
<input checked="" type="checkbox"/>	Power Lines & Cables		
<input checked="" type="checkbox"/>	Pipelines, Sewer and Water		

31. Please describe any utility conflicts that will need to be addressed.

Possible utility conflicts. To be addressed during preliminary design.

32. Guidelines used to develop project: (Check all that apply)

<input type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other: <div></div>
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input checked="" type="checkbox"/>	RPTA Bus Stop Program and Standards	

33. Jurisdiction has the following policies for improved bicycle/shared use facilities:

With new development and capital improvement projects, bike lanes on arterial streets are:	<input type="checkbox"/> Recommend
With new development and capital improvement projects, bike lanes on collector streets are:	<input type="checkbox"/> Not Addressed
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="checkbox"/> Recommend
With new development or during development retrofits, shared-use paths are:	<input type="checkbox"/> Recommend
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="checkbox"/> Yes
Complete Streets Policy	<input type="checkbox"/> Yes

34. The project is: (Check one)

☒ Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)

List:

Guadalupe Master Plan 1990-2010.

☒ Consistent with general policy/practices, but not formally identified (provide source)

Explain:

Project has been approved by Council, it fits with primary objectives of youth education and safety.

☐ Not addressed by jurisdiction's plans, policies, or practices

Explain:

Guadalupe : Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART B-DETAILED PROJECT DESCRIPTION

35. How will the applicant measure the success of this project?

Monitor bicycle/pedestrian crashes, monitor complaints from handicap and elderly having to use roadway to pass sidewalk obstructions. On an annual basis, surveys will be sent out with water bills. An online survey will be announced via marquee, social media and Town of Guadalupe special events.

36. Will bicycle/pedestrian count technology be incorporated? Will the devices broadcast automatic updates or require manual data collection? If manual, how will the agency identify staff resources to dedicate to collecting the data?

Possibility for post project RSA with Maricopa Association of Governments.

37. Will the project include an education/marketing component upon completion of construction, to publicize the project and increase citizen awareness of the project impact and benefits? If yes, please describe below.

The Town of Guadalupe will coordinate with Frank Elementary School to sponsor a Walk to School Day Event. The Town of Guadalupe will host road safety education and outreach seminars at the Town Hall and include road safety education pamphlets in water bills to all residents.

38. Will the project include wayfinding signage elements? If yes, please describe below.

A minimum of three signs will be posted on each side of Avenida del Yaqui indicating the direction of the bicycle/pedestrian path. Signs may also be posted along Highline Canal indicating the directions of the bicycle/pedestrian paths.

Part C - Required Attachments

Listed below are the required attachments for this project application. These attachments are intended to demonstrate the need of the project. They should clearly show the segment alignment and features that connect to other bicycle, pedestrian, and/or shared-use facilities, as well as washes, canals, railroad crossings, and other crossing features that may affect the project.

PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.

Please insert ALL attachments at the end of your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.

Required Attachments:

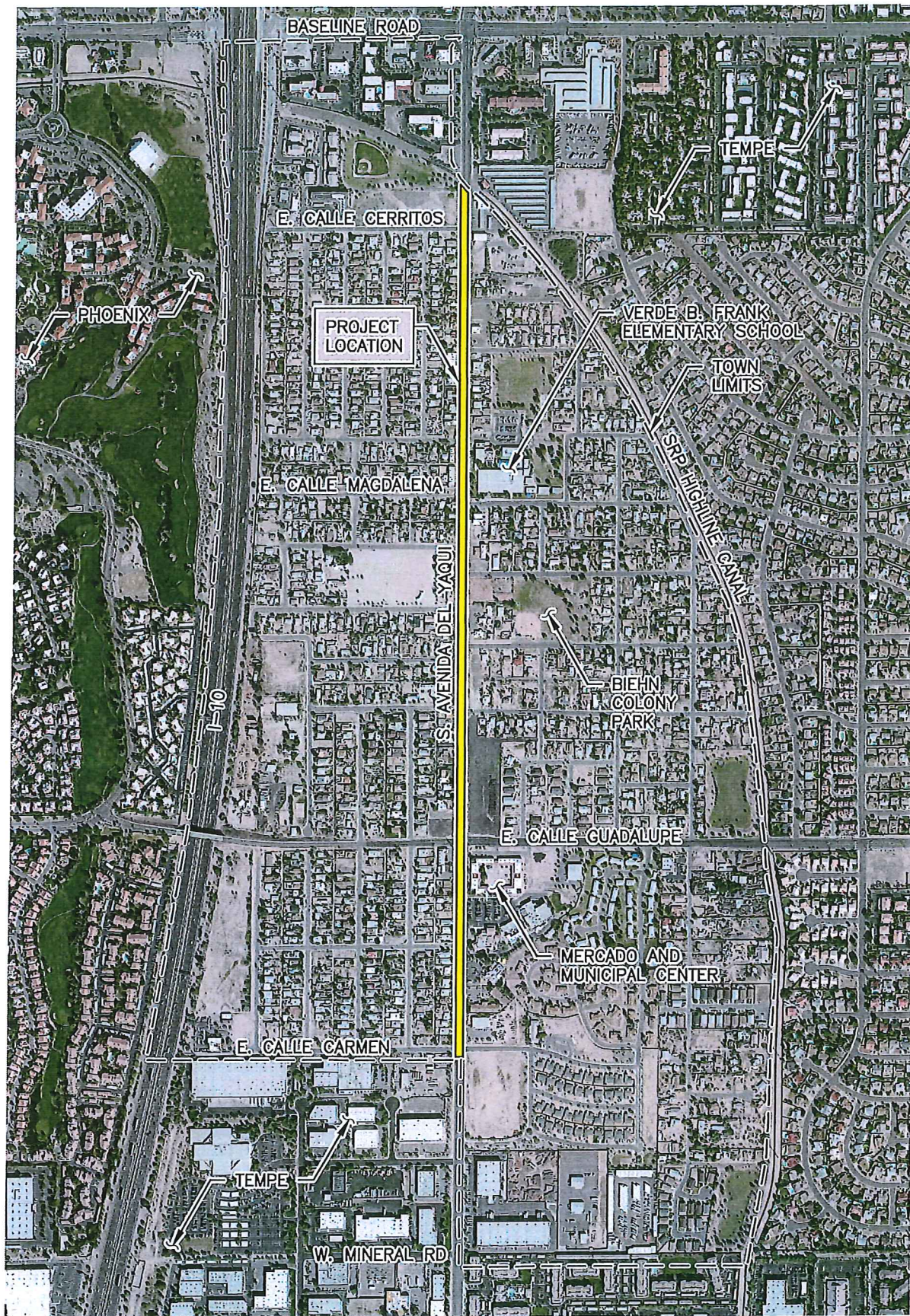
- 1) Please attach a map showing the general location of the proposed project in relation to the region, including a north arrow.
- 2) Please attach a map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow.
- 3) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).
- 4) Please attach a simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel.

OPTIONAL Attachments:

(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).

(OPTIONAL) Attach up to three (3) letters of support for the project.

(OPTIONAL) If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions"



Dibble
Engineering
TOWN ENGINEER

MAG

DESIGN ASSISTANCE APPLICATION, FY 2018

PROJECT LOCATION

EXHIBIT 1

06/2017

SCALE: NTS



DIFFICULT FOR ELDERLY, HANDICAPPED
PEOPLE TO USE THE CRUMBLING SIDEWALKS



BADLY MARKED PAVEMENT
AT SCHOOL CROSSING



SCHOOL CROSSING NOT
CLEARLY MARKED



RESIDENTS WALK ALONG THE AVENUE



BIKE RIDERS USE THE SIDEWALKS
INSTEAD OF SHARING THE ROAD



RESIDENTS WALK ACROSS THE AVENIDA



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TOWN ENGINEER

MAG

DESIGN ASSISTANCE APPLICATION, FY 2018

HEAVY PEDESTRIAN TRAFFIC ON AVENIDA DEL YAQUI

EXHIBIT 2

06/2017

SCALE: NTS



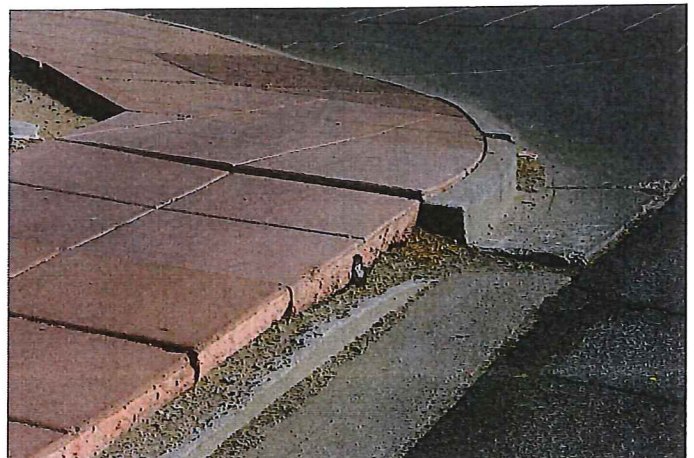
MISS—ALIGNED CURB, BROKEN SIDEWALK



BROKEN CURB



HEAVING CURB



IN SOME CASES THE CURB IS
TOTALLY BROKEN AND DETERIORATED



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TOWN ENGINEER

MAG

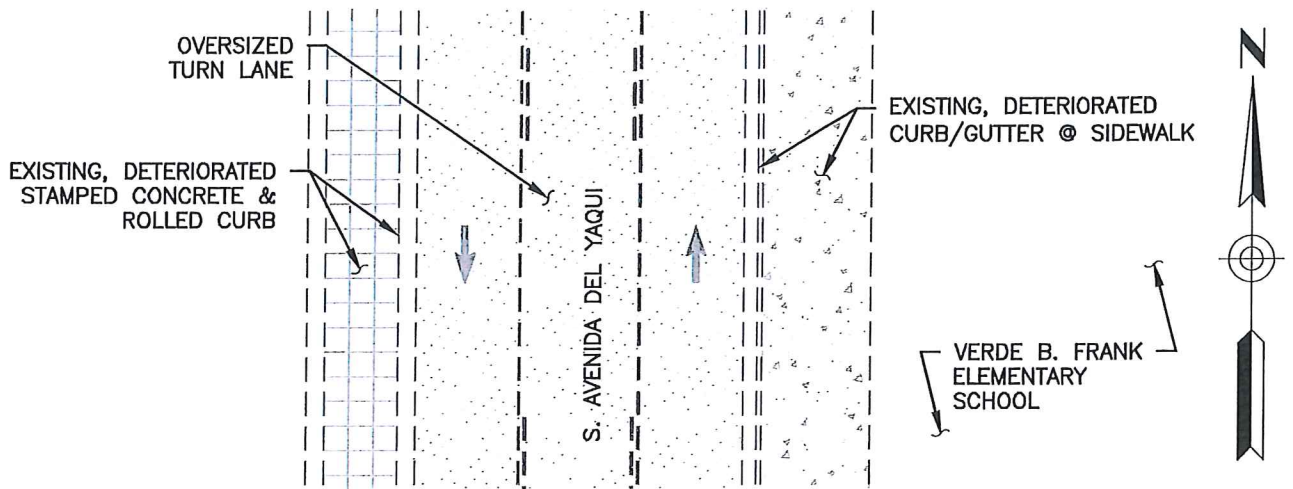
DESIGN ASSISTANCE APPLICATION, FY 2018

AVENIDA DEL YAQUI IN STATE OF DISREPAIR

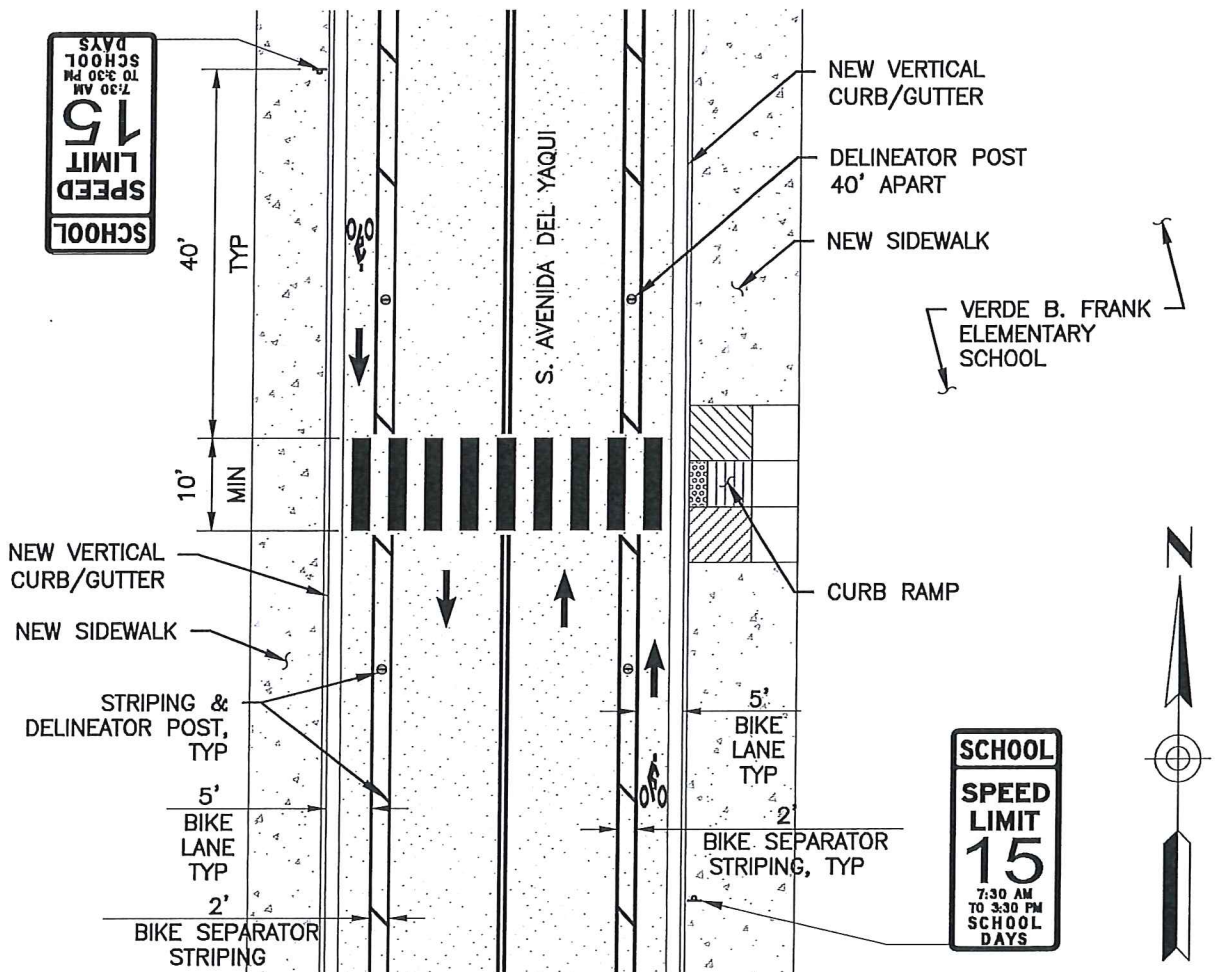
EXHIBIT 3

06/2017

SCALE: NTS



**EXISTING CONDITIONS AT
ELEMENTARY SCHOOL STREET CROSSING**
THERE IS NOT A DESIGNATED STREET CROSSING



**PROPOSED STREET CROSSING AT
ELEMENTARY SCHOOL**



**Dibble
Engineering**
TOWN ENGINEER

MAG

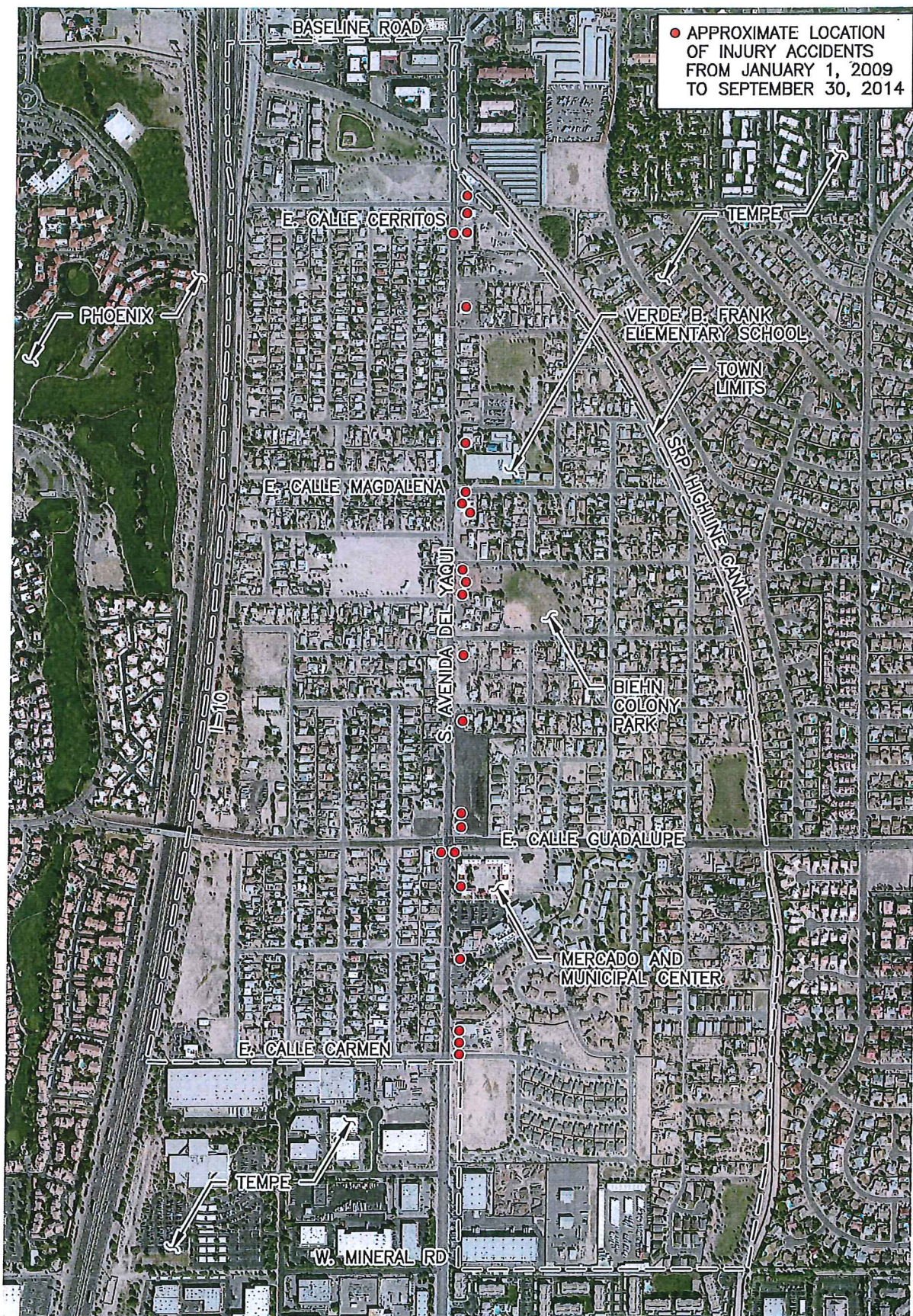
DESIGN ASSISTANCE APPLICATION, FY 2018

COMPARISON OF EXST & PROP STREET DETAILS

EXHIBIT 4

06/2017

SCALE: NTS



MAG

EXHIBIT 5

DESIGN ASSISTANCE APPLICATION—FY2018

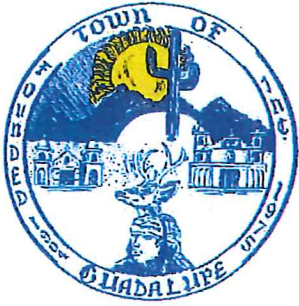
6/27/2017

INJURY ACCIDENT LOCATIONS

SCALE: NTS



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Engineering
TOWN ENGINEER



Town of Guadalupe

9241 South Avenida Del Yaqui ♦ Guadalupe, Arizona ♦ 85283-2598 ♦ Phone: (480) 730-3080

September 21, 2017

RE: Letters of Support for the Avenida del Yaqui Bicycle and Pedestrian Improvement Project.

Attached are letters of support from varying agencies in regards to the Avenida del Yaqui Bicycle and Pedestrian Project investment area.

All agencies continue their support for the investment to the project area and would be happy to answer any questions that may arise as it relates to their support.

Sincerely,

Bob Thaxton
Interim Town Manager
Town of Guadalupe
480-505-5374

GUADALUPE CDC

Guadalupe Community Development Corporation

5933 E. Calle Milagros

Guadalupe AZ 85283

P (480) 248-9656

FX (480) 248-9874

guadcdc@cox.net

GCDC Board Members

Sally Ann Gonzales, President

Ramon Guzman, Vice

President

Frances Osuna

Secretary/Treasurer

Raphael Armenta, Member

Veronica Flores

Mary Armenta

Maria Uriarte

Lorenzo Ortega, Member

Joe Sanchez, Member

Gary Smith, Exec Dir.

Cristina Campoy, Staff

June 21, 2017

Dear Members of Maricopa County Governments;

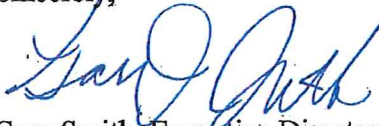
The Town of Guadalupe has requested a Letter of Support for the MAG Design Assistance Program. It is understood that by requesting funds from MAG Design Assistance Program they will be making improvements to Avenida del Yaqui.

The funds they are requesting from MAG will go towards pedestrian and bicycle improvements. We understand they will be rebuilding sidewalks and bike lanes on both sides of the street as well as re-striping the cross walk in front of Frank Elementary School located on Avenida del Yaqui.

The improvements will make the Town of Guadalupe and surrounding communities safer for pedestrians, bicyclists and drivers.

We are pleased to offer that support to make the improvements to Avenida del Yaqui listed above.

Sincerely,



Gary Smith, Executive Director

Guadalupe Community Development Corporation

Guadalupe Community
Development Corporation
5933 E. Calle Milagros
Guadalupe, AZ 85283



RUBEN GALLEGO
7TH DISTRICT, ARIZONA

COMMITTEES:
ARMED SERVICES
SUBCOMMITTEES:
TACTICAL AIR AND LAND FORCES
READINESS
NATURAL RESOURCES
SUBCOMMITTEES:
ENERGY AND MINERAL RESOURCES
WATER, POWER, AND OCEANS
OVERSIGHT AND INVESTIGATIONS

Congress of the United States
House of Representatives
Washington, DC 20515-11307

1218 LONGWORTH HOUSE OFFICE BUILDING
WASHINGTON, DC 20515
(202) 225-4065

DISTRICT OFFICE:
411 NORTH CENTRAL AVENUE
SUITE 150
PHOENIX, AZ 85004
(602) 258-0551

June 23, 2017

Dennis Smith, Executive Director
Maricopa Association of Governments
302 North 1st Avenue, Suite 300
Phoenix, AZ 85003

Dear Members of Maricopa Association of Governments (MAG):

The Town of Guadalupe is requesting funds from the MAG Design Assistance Program. The proposed request for funds will be utilized for improvements to Avenida del Yaqui.

The MAG funds will provide pedestrian and bicycle improvements to the street. The Town will rebuild sidewalks and bicycle lanes on both sides of the street. In addition, they will re-stripe the crosswalk in front of Frank Elementary school (Tempe Elementary School District) located on Avenida del Yaqui.

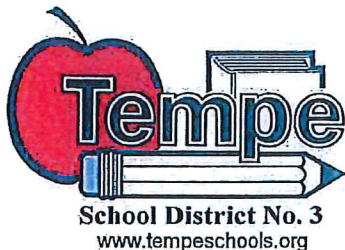
These improvements will assist the Town of Guadalupe to provide a safer environment for pedestrians, bicyclists and motorists.

I am pleased to support the request for funds by the Town of Guadalupe as outlined above. Please give this request your full and fair consideration.

Sincerely,



Ruben Gallego
Member of Congress



AN AFFIRMATIVE ACTION
EQUAL OPPORTUNITY EMPLOYER

P.O. Box 27708 • Tempe, Arizona 85285-7708

Phone (480) 730-7100

June 23, 2017

Dear Members of Maricopa Association of Governments:

The Town of Guadalupe has requested a Letter of Support for the Maricopa Association of Governments (MAG) Design Assistance Program.

It is understood that by requesting funds from the MAG Design Assistance Program the Town of Guadalupe will be making pedestrian and bicycle improvements to Avenida del Yaqui. We understand they will be rebuilding sidewalks and bike lanes on both sides of the street, as well as re-striping the crosswalk in front of Frank Elementary School.

Please be aware that we are in the design phase of renovation/construction of Frank School so parking, drop-off areas, and entrances to the school may change.

We are pleased to offer support for the pending MAG improvements to Avenida del Yaqui, as they will make the Town of Guadalupe and surrounding communities safer for pedestrians, bicyclists and drivers.

Sincerely,

Jeff Bomstad
Project Manager
Tempe Elementary School District No. 3

Governing Board

Teresa Devine

Jim Lemmon

Patrick Morales

Monica Trejo

Rochelle L. Wells

Christine Busch, Superintendent

PASCUA YAQUI TRIBE

OFFICE OF THE CHAIRMAN



June 23, 2017

Dear Members of Maricopa County Governments;

The Town of Guadalupe has requested a Letter of Support for the MAG Design Assistance Program. It is understood that by requesting funds from MAG Design Assistance Program they will be making improvements to Avenida del Yaqui.

The funds they are requesting from MAG will go towards pedestrian and bicycle improvements. We understand they will be rebuilding sidewalks and bike lanes on both sides of the street as well as re-striping the cross walk in front of Frank Elementary School located on Avenida del Yaqui.

The improvements will make the Town of Guadalupe and surrounding communities safer for pedestrians, bicyclists and drivers.

We are pleased to offer that support to make the improvements to Avenida del Yaqui listed above.

Sincerely,

A handwritten signature in black ink, appearing to be 'R Valencia', with a long horizontal line extending to the right.

Robert Valencia
Tribal Chairman
Pascua Yaqui Tribe

Guadalupe: Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		Town of Guadalupe		Project Title:		Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)		Application Date:		9/25/2017				
Part	Item Description					Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (84.3%)	Local Funds (6.7%)	Note(s)	
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY					LS	1	\$1,000.00	\$1,000.00	No	\$0.00	\$1,000.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN					LS	1	\$1,500.00	\$1,500.00	No	\$0.00	\$1,500.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)					LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00		
	4. HAZMAT ASSESSMENT					LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00		
Subtotal Scoping (Part A)								\$2,500.00			\$0.00	\$2,500.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.					LS	1	\$16,000.00	\$16,000.00	No	\$0.00	\$16,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report					LS	1	\$1,500.00	\$1,500.00	No	\$0.00	\$1,500.00		
	3. DRAINAGE REPORT					LS	1	\$1,500.00	\$1,500.00	No	\$0.00	\$1,500.00		
	4. SWPPP					LS	1	\$2,000.00	\$2,000.00	No	\$0.00	\$2,000.00		
Subtotal PE (Part B)								\$21,000.00			\$0.00	\$21,000.00		
Subtotal Preliminary Engineering (Part A + Part B)								\$23,500.00			\$0.00	\$23,500.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition					LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00		
	Subtotal Right-of-Way Acquisition (Part C)								\$0.00			\$0.00	\$0.00	
D. Utility Relocation	1. Utility Relocation					LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00		
	Subtotal Utility Relocation (Part D)								\$0.00			\$0.00	\$0.00	
E. Construction Or Implementation (For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4)	1. Hardscape Construction	Installation Of SWPPP Measures				LS	1	\$15,000.00	\$15,000.00	Yes	\$14,145.00	\$855.00		
		Site Preparation				LS	1	\$40,000.00	\$40,000.00	Yes	\$37,720.00	\$2,280.00		
		Demolition	Sawcut	LF	3,960	\$8.00	\$31,680.00	Yes	\$29,874.24	\$1,805.76				
			Remove Structures and Obstructions	LS	1	\$20,000.00	\$20,000.00	Yes	\$18,860.00	\$1,140.00				
			Remove Fencing	LF	200	\$15.00	\$3,000.00	Yes	\$2,829.00	\$171.00				
			Remove Structural Concrete	CY	100	\$22.00	\$2,200.00	Yes	\$2,074.50	\$125.40				
			Remove Asphaltic Concrete Pavement	CY	500	\$18.00	\$9,000.00	Yes	\$8,487.00	\$513.00				
			Remove Concrete Sidewalks, Slabs	CY	1,750	\$15.00	\$26,250.00	Yes	\$24,753.75	\$1,496.25				
		Hazmat Abatement				LS	1	\$4,000.00	\$4,000.00	Yes	\$3,772.00	\$228.00		
		Retaining Wall - Reinforced Concrete Cantilevered				SF	100	\$10.00	\$1,000.00	Yes	\$943.00	\$57.00		
		Earthwork	General Excavation	CY	250	\$6.00	\$1,500.00	Yes	\$1,414.50	\$85.50				
			Drainage Excavation	CY	50	\$5.00	\$250.00	Yes	\$235.75	\$14.25				
			Structural Excavation	CY	175	\$6.00	\$1,050.00	Yes	\$990.15	\$59.85				
			Structural Backfill	CY	175	\$5.00	\$875.00	Yes	\$825.13	\$49.88				
		Borrow (In Place)				CY	50	\$5.00	\$250.00	Yes	\$235.75	\$14.25		
		Curb & Gutter				LF	3,960	\$28.00	\$102,960.00	Yes	\$97,091.28	\$5,868.72		
		Aggregate Base				CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
		Pathway Or Sidewalk Materials	Concrete	SF	17,500	\$6.00	\$105,000.00	Yes	\$99,015.00	\$5,985.00				
			Colored Concrete	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00				
			Stamped Color Concrete	SF	5,000	\$8.00	\$40,000.00	Yes	\$37,720.00	\$2,280.00				
			Precast Concrete Pavers	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00				
			Asphaltic Concrete	Ton	1	\$150.00	\$150.00	Yes	\$141.45	\$8.55				
			Polymer or Resin Stabilized Surface	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00				
		Crosswalk Enhancement	Concrete Pavers	SF	1	\$5.00	\$5.00	Yes	\$4.72	\$0.29				
			Stamped Asphalt	SF	1	\$5.00	\$5.00	Yes	\$4.72	\$0.29				
			Stamped Concrete	SF	2,500	\$6.00	\$15,000.00	Yes	\$14,145.00	\$855.00				
			Concrete	SF	1	\$5.00	\$5.00	Yes	\$4.72	\$0.29				
		Integral Color Concrete				SF	1	\$5.00	\$5.00	Yes	\$4.72	\$0.29		
		Pedestrian ADA Ramp				Each	30	\$4,500.00	\$135,000.00	Yes	\$127,905.00	\$7,095.00		
		Culvert Extensions				LF	550	\$10.00	\$5,500.00	Yes	\$5,166.50	\$333.50		
		Pedestrian Lighting Including Conduit And Trenching				Each	80	\$1,200.00	\$96,000.00	Yes	\$90,528.00	\$5,472.00		
		Handrail	Standard	LF	100	\$100.00	\$10,000.00	Yes	\$9,430.00	\$570.00				
			Decorative	LF	100	\$115.00	\$11,500.00	Yes	\$10,844.50	\$655.50				
		Subtotal Hardscape Construction								\$677,185.00		\$638,585.46	\$38,599.55	

Guadalupe: Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		Town of Guadalupe		Project Title:		Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)		Application Date:		9/25/2017								
Part	Item Description					Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (84.3%)	Local Funds (5.7%)	Note(s)					
E. Construction Or Implementation (For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4)	2. Landscaping & Irrigation Items	Requirements					Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00					
		Trees (15 Gallon Size)					Each	25	\$25.00	\$625.00	Yes	\$589.38	\$35.63					
		Trees (5 Gallon Size)					Each	100	\$20.00	\$2,000.00	Yes	\$1,886.00	\$114.00					
		Shrubs (5 Gallon Size)					Each	50	\$15.00	\$750.00	Yes	\$707.25	\$42.75					
		Shrubs (1 Gallon Size)					Each	50	\$10.00	\$500.00	Yes	\$471.50	\$28.50					
		Cactus (5 Gallon Size)					Each	50	\$80.00	\$4,000.00	Yes	\$3,772.00	\$228.00					
		Mulch	Decomposed Granite			CY	1	\$5	\$5	Yes	\$5	\$0						
			Organic			CY	1	\$0	\$0	Yes	\$0	\$0						
		Topsoil					CY	1	\$0	\$0	Yes	\$0	\$0					
		Seeding					Acre	1	\$1,500	\$1,500	Yes	\$1,415	\$86					
		Turf Sod					SY	1	\$0	\$0	Yes	\$0	\$0					
		Boulders					Each	1	\$0	\$0	Yes	\$0	\$0					
		Irrigation System	Drip			SF	1	\$10	\$10	Yes	\$9	\$1						
			Turf			SF	1	\$10	\$10	Yes	\$9	\$1						
			Directional Bore			LF	1	\$10	\$10	Yes	\$9	\$1						
			Cut and Patch			LF	1	\$10	\$10	Yes	\$9	\$1						
		Sleeving For Irrigation System					LF	1	\$0	\$0	Yes	\$0	\$0					
		Landscape Header Curb					LS	1	\$0	\$0	Yes	\$0	\$0					
		Landscape Establishment					LS	1	\$2,000	\$2,000	Yes	\$1,886	\$114					
		Subtotal Landscaping & Irrigation Items							\$11,420		\$10,769	\$651						
	3. Site Furnishings	Benches					Each	5	\$500	\$2,500	Yes	\$2,358	\$143					
		Seawalls					LF	1	\$0	\$0	Yes	\$0	\$0					
		Bike Racks					Each	10	\$800	\$8,000	Yes	\$7,544	\$456					
		Trash Receptacles					Each	6	\$600	\$3,600	Yes	\$3,395	\$205					
		Drinking Fountains					Each	1	\$0	\$0	Yes	\$0	\$0					
		Signage (Standard Traffic Control)					Each	75	\$250	\$18,750	Yes	\$17,681	\$1,069					
		Signage (Wayfinding)					Each	3	\$350	\$1,050	Yes	\$990	\$60					
		Tree Grates					Each	15	\$300	\$4,500	Yes	\$4,244	\$257					
		Subtotal Site Furnishings							\$38,400		\$36,948	\$1,452						
		Bicycle and Pedestrian Counter					Each	1	\$0	\$0	Yes	\$0	\$0					
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)		Pavement Markings (White 4")					LF	7,500	\$4	\$30,000	Yes	\$28,290	\$1,710					
		Pavement Markings (Yellow 4")					LF	5,000	\$4	\$20,000	Yes	\$18,860	\$1,140					
		Pavement Markings (White 10")					LF	1,500	\$15	\$22,500	Yes	\$21,218	\$1,283					
		Pedestrian Crossing Signals					Each	2	\$500	\$1,000	Yes	\$943	\$57					
		Crosswalk In-Pavement Lighting					Each	14	\$1,000	\$14,000	Yes	\$13,302	\$698					
		HAWK Signal					Each	0	\$350,000	\$0	Yes	\$0	\$0					
		Utility Adjustments					Each	15	\$350	\$5,250	Yes	\$4,951	\$299					
		Driveway Reconstruction					Each	20	\$100	\$2,000	Yes	\$1,826	\$174					
		Raised Roadway Delineator					Each	50	\$50	\$3,000	Yes	\$2,829	\$171					
		Subtotal Other Construction							\$97,750		\$92,178	\$5,572						
5. Mobilization And Administration Costs	Contractor Mobilization					LS	1	\$30,000	\$30,000	No	\$0	\$30,000						
	Traffic Control					LS	1	\$150,000	\$150,000	Yes	\$141,450	\$8,550						
	Construction Survey & Layout					LS	1	\$10,000	\$10,000	Yes	\$9,430	\$570						
	Construction Contingencies					LS	1	\$150,000	\$150,000	Yes	\$141,450	\$8,550						
	Construction Administration					LS	1	\$150,000	\$150,000	Yes	\$141,450	\$8,550						
	Subtotal Mobilization & Administration Costs							\$490,000		\$433,780	\$56,220							
Subtotal Construction Or Implementation Cost (Part E)								\$1,314,755		\$1,207,280	\$107,475							
					F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)													
					G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,000									\$30,000	No	\$0	\$30,000	
					H. Total Project Cost Including ADOT Fees (Part F + Part G)									\$1,368,255		\$1,207,280	\$156,475	

Guadalupe: Avenida del Yaqui Bicycle and Pedestrian Improvement Project (SB)

PART E - TOTAL PROJECT SCHEDULE AND BUDGET

Please verify that the cost and programming estimates for the total project are correct below. The numeric values on this sheet (in GREY) are automatically populated from the cost estimate sheet (Part D) and cannot be modified. If there are any errors in the numeric values on this sheet, please verify and correct the numbers you have entered into the cost estimate sheet (Part D). You MUST fill in the GREEN portions of Part E manually.

The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in questions 24-27 in Part B.

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)
1. ADOT Fee	\$30,000	
2. Design	\$23,500	Complete design will be done for both northbound and southbound travel, then constructed as two projects to allow for minimal disruption to traveling public. This fee is to separate
3. Right of way	\$0	Temporary construction easements will likely be required to reconstruct driveways.
4. Utilities	\$0	Utility relocations will be completed with previous project design.
5. Construction	\$1,162,710	This is for southbound Avenida del Yaqui.
6. Contingency	\$150,000	No more than 20% of Construction Cost
7. Total Cost	\$1,216,210	

8. Will the agency maintain the improvement after it is completed?	<input type="text" value="Yes"/>
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9. Expected Annual Maintenance Cost	<input type="text"/>
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10. Identify Source of Maintenance Funds	<input type="text"/>
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Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2019	Design Bicycle and Pedestrian Improvements		\$23,500	Not Available	\$23,500	100.0%
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)				\$0	Not Available	\$0	
14. Other (Optional)				\$0	Not Available	\$0	
15. Construction	2022	Construct Bicycle and Pedestrian Improvements (SB)		\$74,824	\$1,237,886	\$1,312,710	5.7%
16. Total Costs				\$98,324	\$1,237,886	\$1,336,210	7.4%

CSB

Checklist

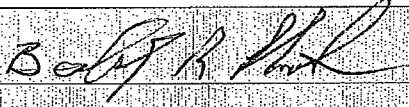
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	Complete?
Cover Sheet is completely filled out	Yes
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
PART B - Project Description	Complete?
Fields 1 - 14 (Project Description) are complete	Yes
Fields 15 - 17 (Transit) are complete	Yes
Fields 18 – 22 (Attractors and Demographics) are complete	Yes
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	Yes
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	Yes
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	Yes
PART C - Required Attachments	Complete?
Field 1 - Map showing the general location of the proposed project in relation to the region, including a north arrow provided in the printed application and the PDF application.	Yes
Field 2 - Map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow provided in the printed application and the PDF application.	Yes
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Yes
Field 4 - Simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel in the printed application and the PDF application.	Yes
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
PART D - Cost Estimate Worksheet	Complete?
Sponsoring Agency, Project Title, and Application Date are complete	Yes
Part A - Scoping is complete	Yes
Part B - Final Preliminary Engineering Design is complete	Yes
Part C - Right-of-Way Acquisition is complete	Yes
Part D - Utility Relocation is complete	Yes
Part E - Construction or Implementation is complete	Yes
Parts F, G, and H - Costs are complete and accurate	Yes
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 7 are complete and costs are accurate	Yes
Field 8 - 10 are complete	Yes
Fields 11 – 15 Years are complete	Yes
Fields 11 – 15 Local Funding Sources are complete	Yes
Fields 11 – 15 Local Costs are complete and accurate	Yes

Field 11 - 15 Federal Costs are complete and accurate	Yes
Field 16 Total Costs are complete and accurate	Yes
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager/administrator or designated representative.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE(S):

As the MAG member agency's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project will be included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding.

Signature	
Name	Bob Thaxton
Title	Interim Town Manager
Date	9/25/2017